

CLAIMS AMENDMENT

Claim 1 (canceled)

Claim 2 (canceled)

Claim 3 (canceled)

Claim 5 (canceled)

Claim 6 (previously canceled)

Claim 7 (previously canceled)

Claim 8 (canceled)

Claim 9 (canceled)

Claim 10 (canceled)

Claim 11 (canceled)

Claim 12 (canceled)

Claim 13 (canceled)

Claim 14 (canceled)

Claim 15 (canceled)

Claim 16 (canceled)

Claim 17 (new): A simultaneous riveting system of flat surfaces for riveters, comprising riveting and upsetting mechanisms, characterized in that said mechanisms are star arrangement units placed along a certain number of radiuses, so that the unit of mechanisms of each radius must hammer in only nails which are applied into the circular sector of the surface to be riveted, delimited by two successive radiuses, wherein the riveting mechanisms are fixed to an upper revolving table of the machine, and as many upsetting mechanisms are respectively fixed to a lower revolving table of the riveter, the surface to be riveted being placed between the two revolving tables.

Claim 18 (new): A simultaneous riveting system of flat surfaces for riveters, comprising riveting and upsetting mechanisms, characterized in that said mechanisms are star arrangement units placed along a certain number of radiuses, so that the unit of mechanisms of each radius must hammer in only nails which are applied into the circular sector of the surface to be riveted, delimited by two successive radiuses, wherein each riveting mechanism comprises a nail collet which receives a nail from a selecting device and a cylinder's hammer or stem that presses the nail into the surface to be riveted, and the nail selecting device is made of a nail conveyor which sends the nail to the nail collet through a hose, by receiving it from a slanting guide that picks up the nails from a nails' magazine and passes them one by one to a reciprocating laminar disc which pushes them inside the conveyor.

Claim 19 (new): The system according to claim 18, characterized in that the magazine is equipped with a fan-like movement, which supplies the conveyor's slanting guide with nails when it is tilted forward.

Claim 20 (new): The system according to claim 17, characterized in that the surface to be riveted can be nailed with a single blow when the number of mechanisms matches the number of nails to be applied.

Claim 21 (new): The system according to claim 18, characterized in that the surface to be riveted can be nailed with a single blow when the number of mechanism matches the number of nails the be applied.

Claim 22 (new): The system according to claim 17, characterized in that the riveting and upsetting mechanisms and the nail magazine are driven by hydraulic cylinders, and the nail selector is driven by a pneumatic cylinder.

Claim 23 (new): The system according to claim 18, characterized in that the riveting and upsetting mechanisms and the nail magazine are driven by hydraulic cylinders, and the nail selector is driven by a pneumatic cylinder.

Claim 24 (new): The system according to claim 19, characterized in that the riveting and upsetting mechanisms and the nail magazine are driven by hydraulic cylinders, and the nail selector is driven by a pneumatic cylinder.

Claim 25 (new): The system according to claim 17 wherein the radial position of the riveting mechanisms on said upper table are fixed.

Claim 26 (new): The system according to claim 17 wherein the radial position of the riveting mechanisms on said upper table are adjustable.

Claim 27 (new): A riveter which comprises:

- a frame;
- an upper table rotatably mounted in said frame;
- a lower table mounted in said frame;
- a plurality of riveting mechanisms positioned along a plurality of radii on said upper table;
- an upset member positioned on said lower table; and
- a work piece support for supporting a work piece to be riveted between said upper and lower tables.

Claim 28 (new): The riveter of claim 27 further comprising a plurality of upset members positioned along a plurality of radii on said lower table.

Claim 29 (new): The riveter of claim 27 where each of said riveting mechanisms comprises a nail collet and a rivet cylinder.

Claim 30 (new): The riveter of claim 27 further comprising a nail magazine for feeding nails to said riveting mechanisms mounted on said frame above said upper table.

Claim 31 (new): The riveter of claim 30 further comprising a plurality of radial bores formed in said upper table, nail conduits extending from said nail magazine through said radial bores to said rivet mechanisms.

Claim 32 (new): The riveter of claim 27 further comprising actuating means for simultaneously actuating said plurality of riveting mechanisms.

Claim 33 (new): The riveter of claim 27 further comprising a first hydraulic motor drivingly connected to said upper table for rotating said upper table and said riveting mechanisms to a desired location with respect to said work piece.

Claim 34 (new): The riveter of claim 28 further comprising a second hydraulic motor drivingly connected to said lower table for rotating said lower table and said upset members to a desired location with respect to said riveting mechanisms.

Claim 35 (new): The riveter of claim 27 wherein the radial position of the riveting mechanisms on said upper table are fixed.

Claim 36 (new): The riveter of claim 27 wherein the radial position of the riveting mechanisms on said upper table are adjustable.

Claim 37 (new): The riveter of claim 27 wherein at least two riveting mechanisms are positioned on at least one of said upper table radii.

Claim 38 (new): The riveter of claim 27 wherein a single riveting mechanism is positioned on one of said upper table radii.

Claim 39 (new): The riveter of claim 17 wherein at least two riveting mechanisms are positioned on at least one of said upper table radii.

Claim 40 (new): The riveter of claim 17 wherein a single riveting mechanism is positioned on one of said upper table radii.